

## ECS Configuration Change Request

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Page(s)

1. Originator Rajesh Dharia	2. Log Date: 4/27/00	3. CCR #: 00-0464	4. Rev:	5. Tel: (301) 925-0498	6. Rm #: 3204E	7. Dept. Rel. Dev
8. CCR Title: Change the O/S configuration semaphore parameter value for SGI Hosts at VATC, PVC & each sites.						
9. Originator Signature/Date <i>Rajesh Dharia</i> 4/27/00		10. Class II	11. Type: CCR	12. Need Date: 4/27/00		
13. Office Manager Signature/Date <i>A. A. A.</i> 4.27.00		14. Category of Change: EDF (RTSC)		15. Priority: (If "Emergency" fill in Block 28). Emergency		
16. Documentation/Drawings Impacted: 920-TDX( V, P, E, G, L, N)-016 for each host		17. Schedule Impact: N/A		18. Cl(s) Affected:		
19. Release Affected by this Change: 5A, 5B		20. Date due to Customer:		21. Estimated Cost: None - Under 100K		
22. Source Reference: <input type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input checked="" type="checkbox"/> Other: Note attached from Steve Haupt						
23. Problem: (use additional Sheets if necessary) Currently, there is a snapshot of all UNIX O/S configuration parameters for all ECS hosts posted on pete and cmdm.east.hitc.com. Ex: Under the Prototype Tech Doc name of 920-TDV-016, under host t1drg01, and under Current, then t1drg01.systune_static.rev00.html, you will find under group "SEM" (almost at the bottom of the table), the semaphore parameters. There are eight different ones. Change the value of semaphore parameter "semmni" under group "SEM" to 64 (default is 10) on those hosts which have the EcDsStCopyDaemon and CopyDaemonTest executable which are the "acg", "drg" and "wkg01 (Note: not all sites have the "wkg01 machine).						
24. Proposed Solution: (use additional sheets if necessary) Change the value of semaphore parameter "semmni" under group "SEM" to 64 (default is 10) on those SGI hosts which have the EcDsStCopyDaemon and CopyDaemonTest executables, which are the "acg", "drg" and "wkg01 (Note: not all sites have the "wkg01 machine). See the attached list of host for semaphore value to be changed for parameter "semmni"						
25. Alternate Solution: (use additional sheets if necessary) N/A						
26. Consequences if Change(s) are not approved: (use additional sheets if necessary) All three mode can not be accomodated without changing these Kernel parameter.						
27. Justification for Emergency (If Block 15 is "Emergency"): Urgently needed at all DAAC sites.						
28. Site(s) Affected: <input checked="" type="checkbox"/> EDF <input checked="" type="checkbox"/> PVC <input checked="" type="checkbox"/> VATC <input checked="" type="checkbox"/> EDC <input checked="" type="checkbox"/> GSFC <input checked="" type="checkbox"/> LaRC <input checked="" type="checkbox"/> NSIDC <input checked="" type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
29. Board Comments: INTERIM FIX ONLY - MUST BE FOLLOWED BY ENGINEERING TECHNICAL DIRECTIVE			30. Work Assigned To:		31. CCR Closed Date:	
32. EDF/SCDV CCB Chair (Sign/Date): <i>Walter</i>		Disposition: <u>Approved</u> App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS				
33. M&O CCB Chair (Sign/Date): <i>W. B. B.</i> 2 May 00		Disposition: <u>Approved</u> App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS				
34. ECS CCB Chair (Sign/Date):		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS				

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ECS/EDF/SCDV/M&amp;O

## ADDITIONAL SHEET

CCR #: 00-0464 Rev:      Originator: Rajesh Dharia

Telephone: X0498      Office: Rel Development

**Title of Change:** Change the O/S configuration semaphor parameter value for SGI Hosts at VATC, PVC & each sites.

Host list for each site:

VATC	PVC	EDC	LaRC	GSFC	NSIDC
t1acg01	p0acg01	e0acg01	l0acg02	g0acg01	noacg01
t1drg01	p0acg05	e0acg02	l0acg05	g0acg05	n0acg02
t1wkg01	p0drg01	e0drg01	l0drg01	g0drg01	n0drg01
	p0drg04	e0drg02	l0drg03	g0drg02	nodrg02
	p0wkg01	e0drg05		g0drg06	
		e0wkg01		g0drg07	

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